

Hydrology (HYD)

Tuesday, 18 March 1997

Chairman: [Wolfram Mauser](#)

14:00 [Robert Brakenridge](#)
Topography enhanced ERS flood mapping

14:20 [Kader Fellah](#)
Potentials and limitations of multi-temporal SAR data in a quantitative approach for multi-scalar hydrological applications. Synthesis of ERS Alsace/Camargue Pilot Project

14:40 [E. Kasischke](#)
Monitoring Hydro-period and Hydro-pattern in South Florida Ecosystems using ERS SAR data

15:00 [Wolfram Mauser](#)
The contribution of microwave data to distributed hydrologic models

15:20 [Hermann-Gregor Mendel](#)
Soil moisture estimation in hydrological mesoscale modeling using ERS SAR data

15:40 [Peter A. Troch](#)
spatial organization of hydrological processes in small catchments derived from advanced SAR image processing -
Field work and preliminary results

Posters (Tuesday, 18 March 1997, 18:00)

[Neil Fox](#)
Retrieval of soil moisture content from naturally vegetated upland areas using ERS-1/2 Synthetic Aperture Radar

[W. Klaassen](#)
SAR sensing of vegetation wetness: the first results

[N. Verhoest](#)
Spatial soil moisture mapping through multi-temporal analysis of ERS SAR PRI data

[Edmond Nezry](#)
Retrieval of environmental and geophysical parameters through Bayesian fusion of multi-channel ERS and RADARSAT data

[Paolo Pampaloni](#)
ERS-1 SAR sensitivity to hydrological parameters. A comparison with SIR-C/X-SAR data

[Corinna Prietzsch](#)
Renaturalisation recommendations for north east German peat bog areas based on multitemporal ERS data analysis

[K S Rao](#)
ERS-1 and JERS-1 SAR data analysis for soil moisture studies

[S. Wunderle](#)
Ground truth for soil and snow moisture sensing